



08-11-00

A
PATENT

Docket No. IL-9940B

Assistant Commissioner for Patents
Washington, DC 20231

JCE41 U.S. PRO
09/636134
08/10/00

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):
Mehdi Balooch, Long N. Dinh, Wigbert J. Siekhaus

For (title): **LOW WORK FUNCTION SURFACE LAYERS PRODUCED BY LASER
ABLATION USING SHORT-WAVELENGTH PHOTONS**

1. Type of Application

- This new application is for an original patent.
- This new application is a:
 - Division
 - Continuation
 - Continuation-in-part (CIP)

2. Benefit of Prior U.S. Application(s) (35 USC 120)

- The new application being transmitted claims the benefit of prior U.S. application(s). 09/080,109 filed 5/18/98
 - Group/Art Unit: 1762
 - Examiner of Prior Application: M. Padgett

3. Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:

| Application Serial No. | Filing Date |
|------------------------|-------------|
|------------------------|-------------|

4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

17 Pages of specification, including
Claims, Abstract and Title Page
1 Sheets of drawings

5. Additional papers enclosed

- Preliminary Amendment
- Express Mail Certificate
- Return Postcard

O G E B I E B E R

6. Declaration or oath

- Copy from a Prior Application enclosed and executed by
 - Inventors
 - legal representative of inventor(s) 37 CFR 1.42 or 1.43
- Not Enclosed

7. Assignment

- An assignment of the invention to The Regents of the University of California.
 - is attached
 - will follow
 - Previously filed

8. Certified Copy

Certified copy(ies) of application(s)

| | | |
|-----------|-------------------|---------|
| (country) | (application no.) | (filed) |
| (country) | (application no.) | (filed) |

from which priority is claimed

- is(are) attached.
- will follow

9. Fee Calculation

| CLAIMS AS FILED | | | | | | |
|--------------------|--------------|-----------------------|--------------|--------------------------------|-----------|------------------------------|
| Type of Claim | Number Filed | Included in Basic Fee | Number Extra | Rate | Total Fee | |
| Total Claims | <u>12</u> | -20 | = | <u>0</u> | x | \$ <u>18</u> = \$ <u>.00</u> |
| Independent Claims | <u>3</u> | -3 | = | <u>0</u> | x | \$ <u>78</u> = \$ <u>.00</u> |
| | | | | Multiple Claims | = | \$ <u> </u> |
| | | | | Basic Filing Fee | = | \$ <u>690.00</u> |
| | | | | Sub-Total | = | \$ <u>690.00</u> |
| | | | | Small Entity Filing Fee | = | \$ <u>345.00</u> |

00014800-0001-0000-0000-000000000000

10. Small Entity Statement(s)

- Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.
- Copy of Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 filed in prior application. Status still proper and desired.

11. Fee Payment

- Not Enclosed
- Enclosed (See Charge Account Information Below)

Total Basic Filing Fees To Be Paid \$ 345.00

12. Method of Payment of Fees

- Check in the Amount of \$ _____
- Charge Account No. 12-0695 in the amount of \$ 345.00
A duplicate of this transmittal is attached.

13. Instructions As To Overpayment/Underpayment

- credit/charge
Account No. 12-0695
- refund

14. Correspondence Address

L.E. Carnahan
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P.O. Box 808, L-703, Livermore, CA 94551
USA

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Fax: (925) 423-2231

Reg No.: 29,981

Date: 8/10/00



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ATTORNEY

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PTO
 JC841
 09/636134
 08/10/00



| | | | |
|--------------|--|--------------|----------|
| Applicant : | Mehdi Balooch et al. | Docket No. : | IL-9940B |
| Serial No. : | | Art Unit : | |
| Filed : | | Examiner : | |
| For : | Low Work Function Surface Layers Produced By Laser Ablation Using Short-Wavelength Photons | | |

Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL533019771US

Date of Deposit Aug. 10, 2000

I hereby certify that the following *attached* correspondence comprising:

1. New Application Transmittal (original and copy)
2. Preliminary Amendment (2 pages)(original)
3. Verified Statement Claiming Small Entity Status (copy)
4. IL-9940 Application (Specification with Title Page, Claims and Abstract (17 pages), Combined Declaration and Power of Attorney (copy) Drawings (1 sheet) (copy)
5. Power of Attorney By Assignee of Entire Interest (Revocation of Prior Powers)
6. Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Kathy E. Raymond

(Type or print name of person mailing paper)

Kathy E. Raymond

(Signature of person mailing paper or fee)

SCAN 12

S-85,932

RL-13,551

IL-9940

JC 841 U S P T O
09/636134
08/10/00

LOW WORK FUNCTION SURFACE LAYERS PRODUCED BY
LASER ABLATION USING SHORT-WAVELENGTH PHOTONS

BY

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